FIG.1

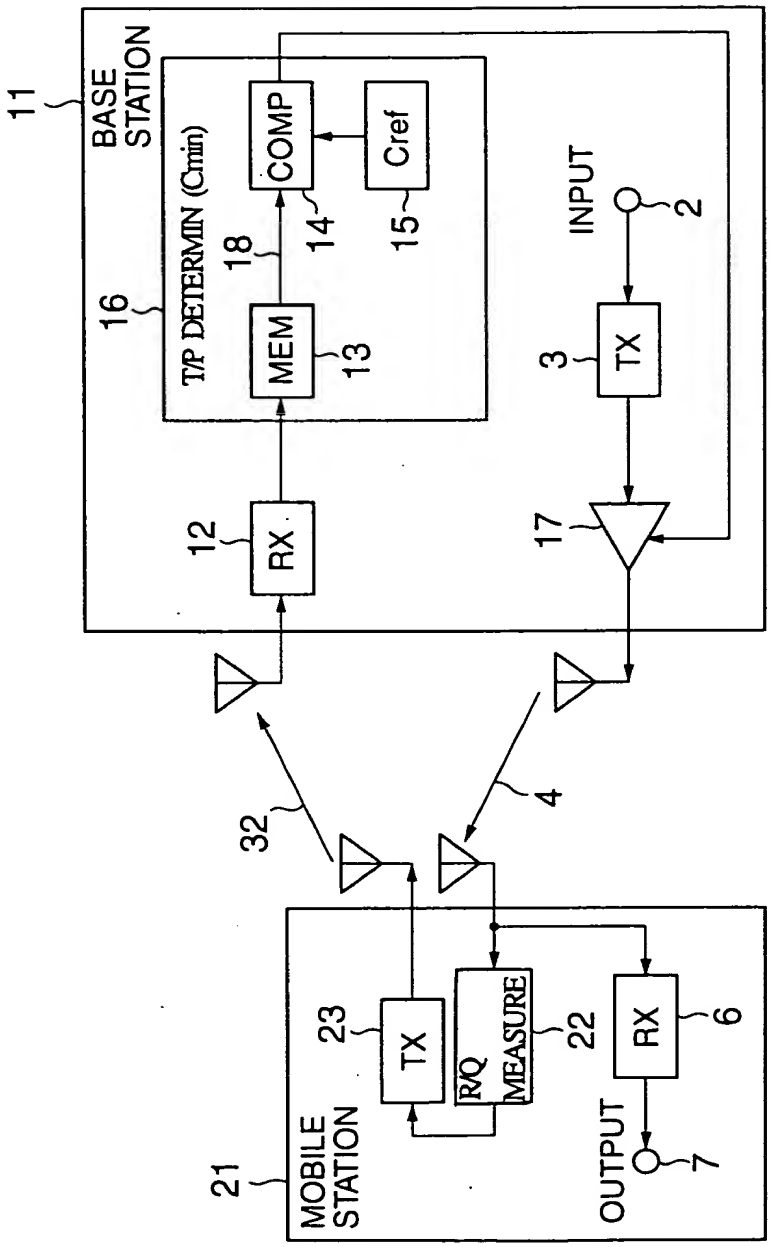

11
BASE STATION
T/P DETERMIN (Cmin)
16
18
MEM
13
COMP
14
Cref
15
INPUT
2
3
TX
12
RX
17
32
4
MOBILE STATION
21
23
TX
R/Q
MEASURE
22
RX
6
OUTPUT
7

FIG.2

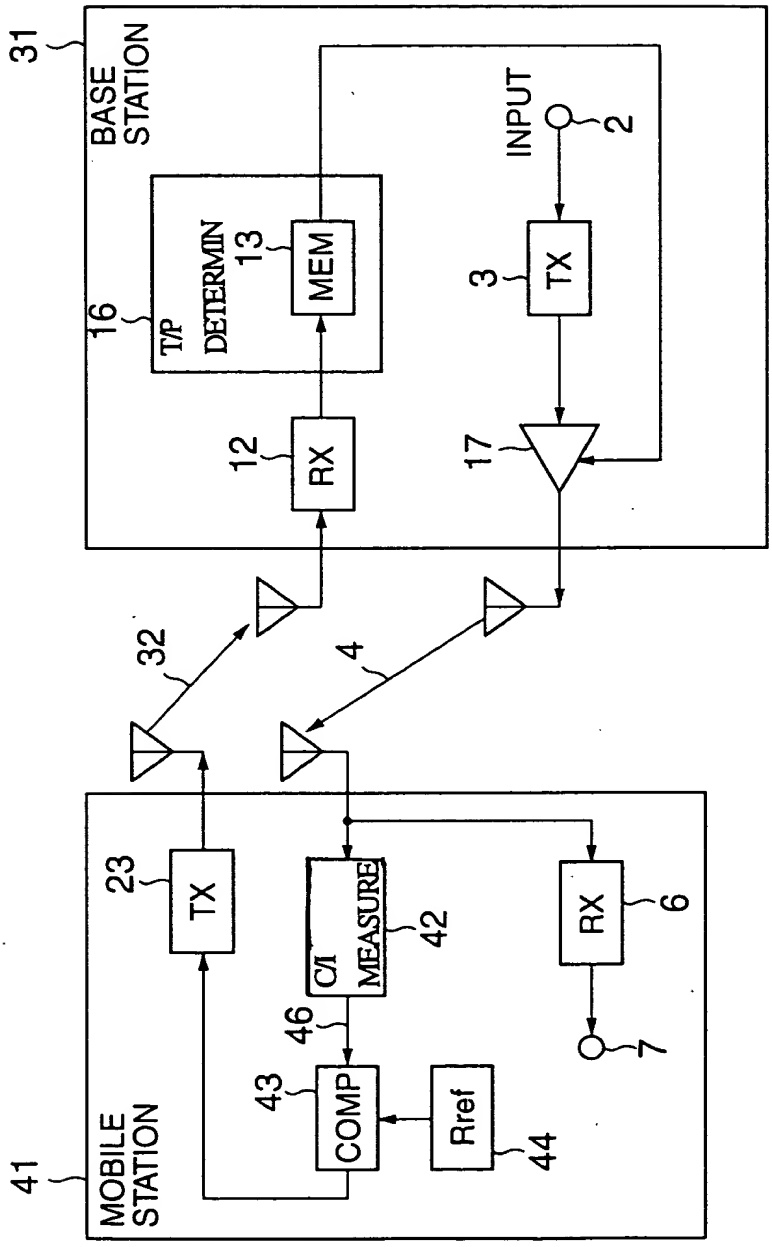

31
BASE STATION
INPUT
2
3
TX
16
T/P
DETERMIN
13
MEM
12
RX
17
32
4
23
TX
C/I
MEASURE
42
46
43
COMP
Rref
44
RX
6
7
41
MOBILE STATION

FIG.3A

MS	R/Q PARA
A	0 dB
B	+8 dB
C	-5 dB
D	+10 dB
E	+3 dB

FIG.3B

MS	R/Q PARA
C	-5 dB
A	0 dB
E	+3 dB
D	+10 dB
B	+8 dB

FIG.3C

MS		R/Q PARA
80%	C	-5 dB
	A	0 dB
	E	+3 dB
	B	+8 dB
	D	+10 dB

FIG.4

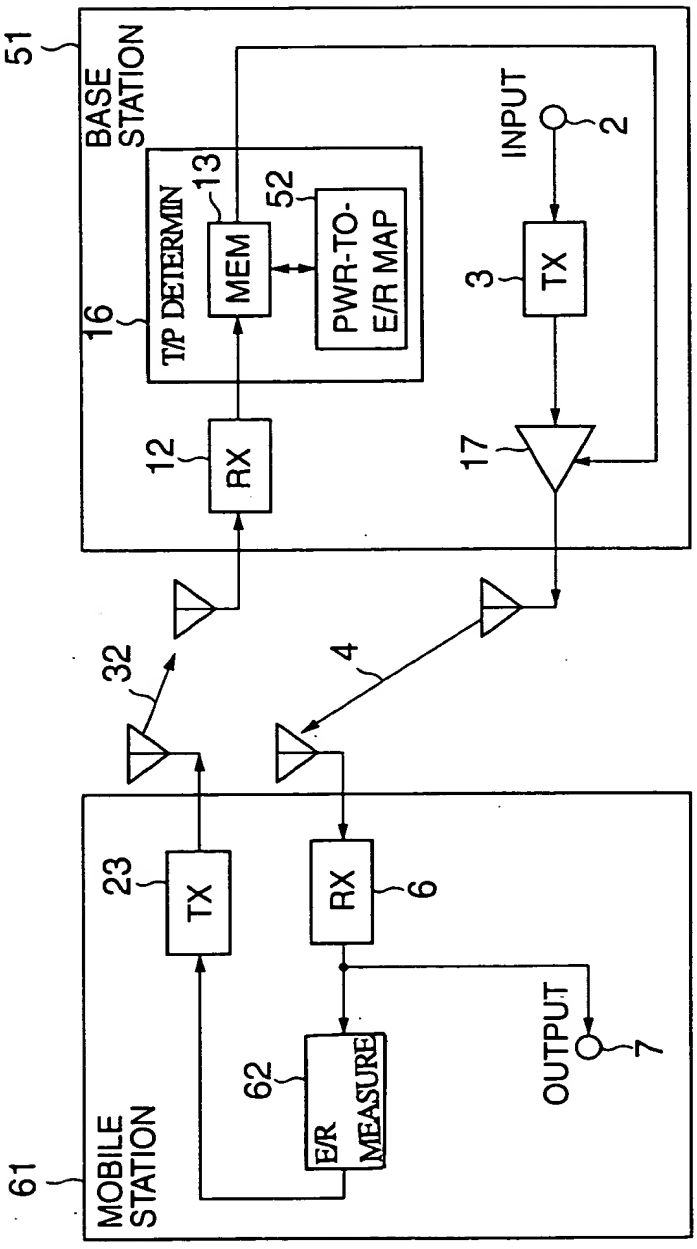

51
BASE STATION
INPUT
2
3
TX
16
T/P DETERMIN
13
MEM
52
PWR-TO-E/R MAP
12
RX
17
32
4
23
TX
RX
6
62
E/R MEASURE
OUTPUT
7
61
MOBILE STATION

FIG.5

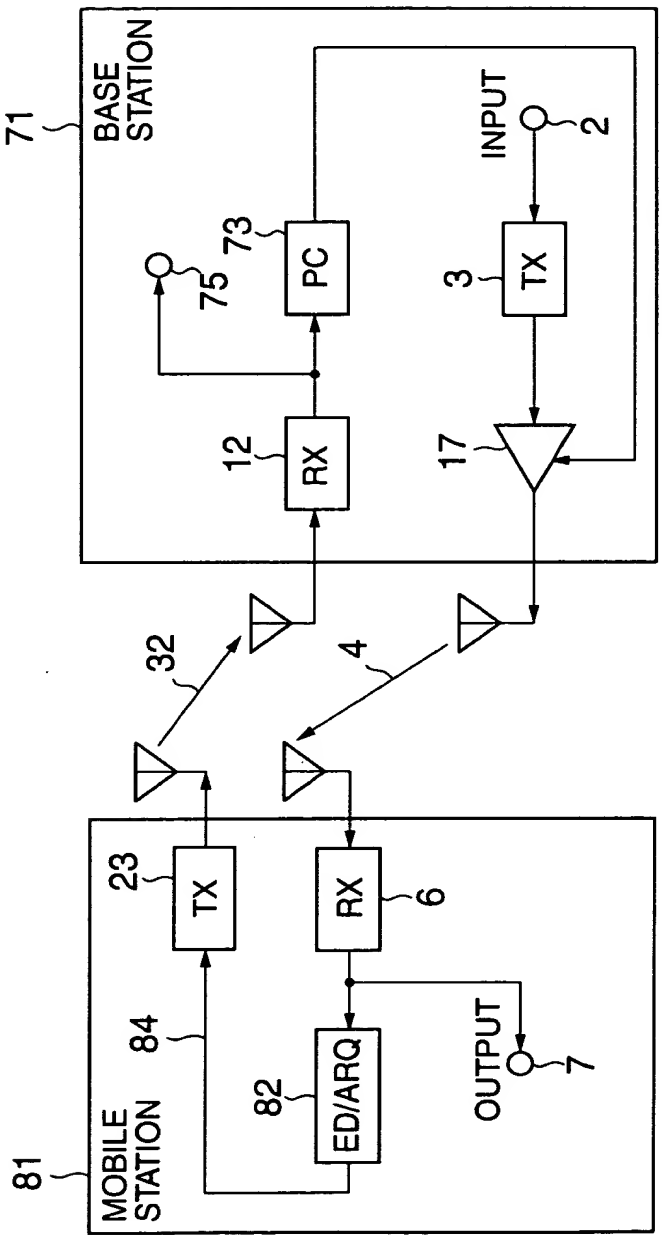

71
BASE STATION
INPUT
2
73
PC
75
3
TX
12
RX
17
32
4
23
TX
RX
6
84
82
ED/ARQ
OUTPUT
7
81
MOBILE STATION

FIG.6

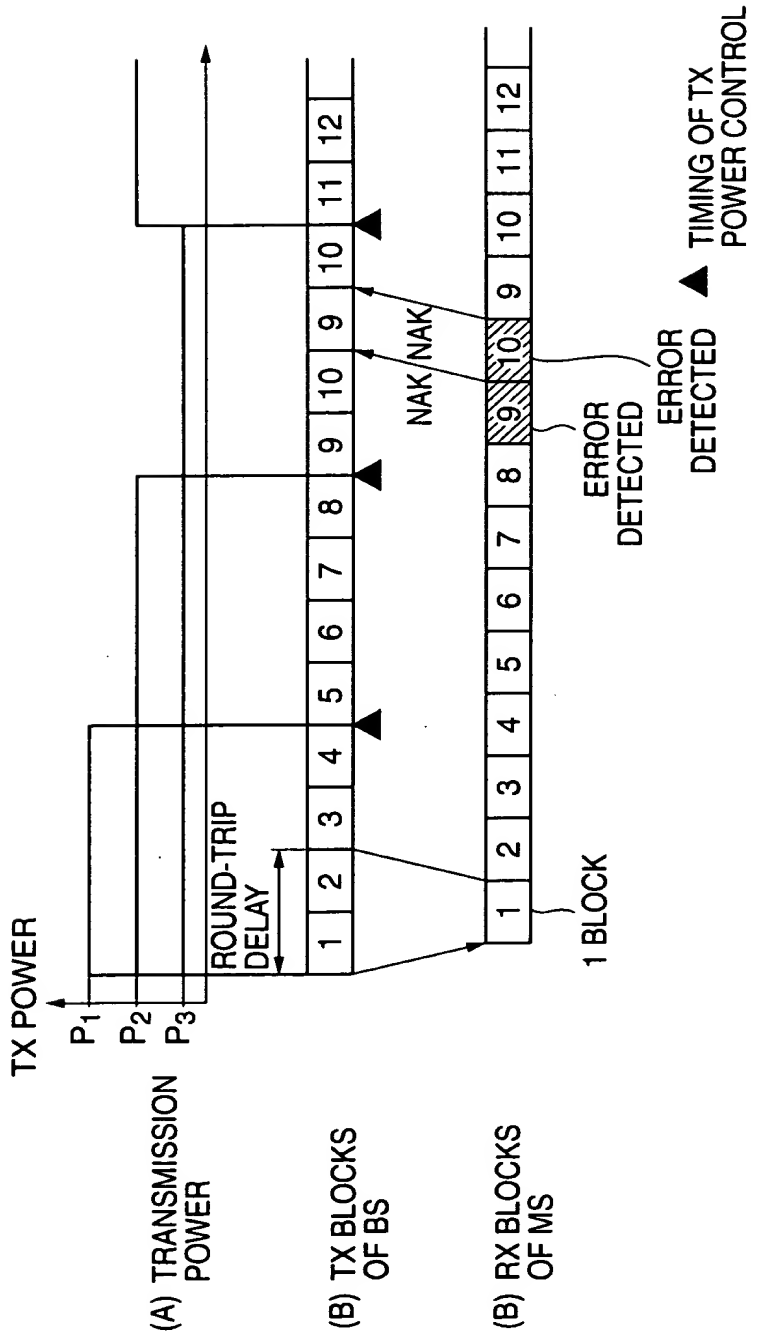

TX POWER
P1
P2
P3
ROUND-TRIP DELAY
(A) TRANSMISSION POWER
(B) TX BLOCKS OF BS
(B) RX BLOCKS OF MS
1 BLOCK
NAK/NAK
ERROR DETECTED
ERROR DETECTED
TIMING OF TX POWER CONTROL

FIG.7

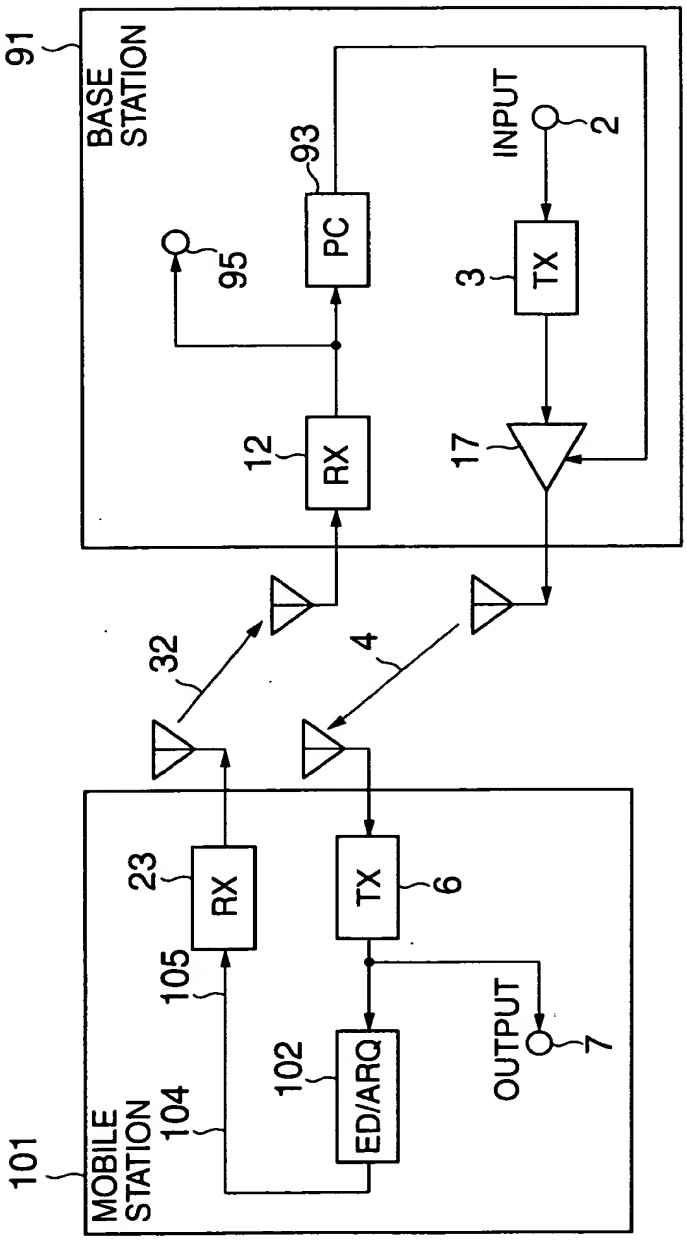
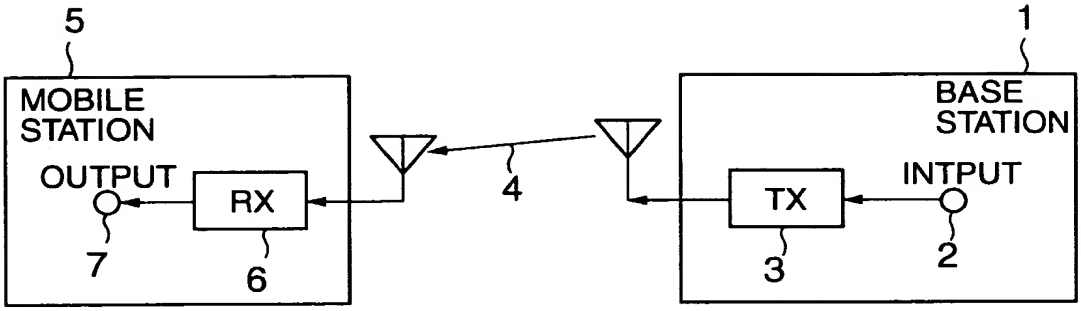

91
BASE STATION
93
PC
95
12
RX
INPUT
2
3
TX
17
32
4
23
RX
105
TX
6
102
ED/ARQ
104
OUTPUT
7
101
MOBILE STATION

FIG.8 PRIOR ART



EP 0 854 650 A1